

Practitioner's Docket No.: 939\_014

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:

Yukihisa TAKEUCHI and Iwao OHWADA

Ser. No.: 09/688,039

Group Art Unit: 2829

Filed: October 11, 2000

Examiner: Amin, A.

Confirmation No.: 5550

For: ABSOLUTE VALUE CALCULATING ELEMENT FOR CONVERTING AC  
SIGNALS INTO DC SIGNALS

Assistant Commissioner for Patents  
Washington, DC 20231

6/EYt. G  
6/Chipsa  
7/2/02

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Gina M. Husak

AMENDMENT

Sir:

In response to the Office Action mailed February 19, 2002, please amend the above-identified application as follows:

**In the Specification:**

Attached hereto as Appendix A, pursuant to Rule 1.121(b)(3)(ii), is a substitute specification. Attached hereto as Appendix B, pursuant to Rule 1.121(b)(3)(iii), is a marked up version of the specification showing the changes being made thereto. Please replace the specification with the substitute specification in Appendix A. Applicants respectfully submit that the substitute specification contains no new matter.

**In the Claims:**

Please rewrite claims 1-5 as follows:

1. (Amended) An absolute value calculating element comprising electrostrictive elements and a detecting means for detecting an amount of deformation thereof, wherein an alternating-current signal is calculated into an absolute value and output by impressing the alternating signal to said electrostrictive elements to deform the same and by converting a distortion of said electrostrictive elements into an electric signal by using said detecting means.